Research on English teaching practice for college students in the context of intelligent classroom

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Abstract: Because of the rapid development of modern information technology, big data, multimedia, cloud computing, and others play a vital role in people's daily life. Especially in the field of education, the establishment of an intelligent classroom is a reform of English education ideas, methods, and models, and also brings convenience to the teaching of English teachers in universities. Students can also learn more English knowledge in classroom learning. However, for a long time, English teachers have encountered many difficulties in utilizing and reforming smart classrooms due to the limitations of English education resources. In order to improve the current situation of English teaching in universities and enhance the effectiveness of smart classroom teaching, this article will conduct in-depth exploration of English teaching practices for college students in the context of intelligent classrooms, hoping to provide reference for future related research.

Key words: intelligent classroom; college students; English teaching; practice

1 Introduction

With the rapid development of higher education in China, traditional English courses can no longer meet the needs of the new situation. In previous college English classrooms, the communication between teachers and students was relatively simple, and the interaction between teachers and students was not obvious enough, resulting in low interest in learning English courses among students. In this context, the emergence of "intelligent classrooms" has brought new opportunities for the informatization construction of college English education. Compared with traditional classrooms, the advantages of smart classrooms are more significant, playing a significant role in promoting the upgrading and development of English classroom teaching.

2 The significance of intelligent classrooms in college English teaching

The emergence of intelligent classrooms has greatly changed the previous English teaching mode, in which students can have more flexible learning methods. Meanwhile, with the practice of many English teachers in universities, it has been proven that smart classroom English teaching can also diverge students' English thinking, allowing them to master more English knowledge in a more relaxed classroom environment. Therefore, setting up smart classrooms in universities has great benefits for cultivating students' ability to analyze and solve the problems, as well as the innovation ability. In the context of smart classrooms, students are the main learners. English teachers should respect students' differences and uniqueness, provide students with necessary assistance in daily teaching, enhance the interaction between students, teachers and students, and significantly improve the teaching effectiveness of English classrooms [1].

2.1 Intelligent classrooms can provide convenient conditions for students

The vigorous construction of an intelligent classroom not only contributes to the widespread dissemination of English knowledge, but also provides convenient conditions for students' learning. It is very popular among both teachers and students. Due to the numerous information platforms and rich content, students can fully use smartphones, computers, and other terminals to choose learning content and materials according to their preferences. Smart classrooms can help students learn at any time and place without having to confine themselves to the classroom. In smart classroom learning, students can establish good cooperative relationships with other students in group discussions and actively speak in class, truly improving their English learning efficiency. At the same time, students can also deepen their identification with their own culture while learning more about Western culture, thereby establishing correct values. Interacting with multimedia online can not only relieve students' anxiety and tension, but also allow them to practice repeatedly until they firmly grasp English knowledge, laying the foundation for subsequent learning activities. From this, it can be seen that the vigorous development of multimedia technology provides convenient conditions for students to learn English knowledge. Students can freely search for desired learning resources and tutoring materials on smart platforms, and in the context of smart classrooms, they can also cultivate their ability to think independently and achieve the goal of improving their overall quality. At the same time, teachers can also establish close online and offline friend relationships with students, which creates a more open environment for introverted students, allowing them to maintain a relaxed learning state during online courses, and promoting the smooth progress of English course teaching [2].

2.2 The benefits of intelligent classroom for English teachers

At present, people are living in the Internet age, and the emergence of intelligent classrooms has also brought certain benefits to college English teachers' teaching. Firstly, what English teachers need to do is to keep up with the trend of the times, abandon traditional teaching concepts, and achieve identity transformation. Teachers are no longer the core of the classroom, but should play the role of guides in daily classroom teaching, placing students in the main position of teaching. Teachers should also pay close attention to students' performance at all times, keep records of their problems and provide timely assistance to students, so that they can correct their mistakes as soon as possible and point out the correct direction for students to move forward. In addition, on the basis of possessing professional knowledge, college English teachers also need to have a brand new teaching philosophy and awareness, and innovate teaching methods in the continuous teaching process based on the actual learning situation of students. At this point, English teachers can fully leverage the power of smart learning platforms to analyze and summarize students' learning data, and make effective evaluations of their learning progress, enabling students to grasp accurate learning contexts and ultimately achieve the goal of improving their English learning level. The development of smart classrooms can help English teachers optimize teaching methods, enrich teaching content, improve their teaching abilities, and bring exciting English classroom teaching to college students. While providing students with a good learning experience, it can also enhance the effectiveness of English teaching.

3　The practical path of college English teaching in the background of intelligent classroom

3.1 Creating an Internet teaching resource library

The intelligent classroom is a new educational concept formed on the basis of Internet information technology. Therefore, English teachers should also fully utilize the advantages of Internet teaching, build a comprehensive education resource library, integrate the real education classroom with the online education environment, and form complementary advantages between holistic and individualized teaching. They should fully utilize the rich resources of the Internet to effectively integrate with English teaching content and materials, and explore the relationship between the two, which can

not only enhance the fun and vividness of educational content, but also change students' passive learning situation, allowing them to continuously explore in the vast ocean of knowledge and truly meet their learning needs.

3.2 Optimizing the teaching design of English intelligent classroom

In the era of information technology, there have been new changes in educational models. The combination of online and offline teaching models has been derived from the development of the times, which can break the limitations of time and space, make teaching no longer restricted, better meet students' learning needs, and help improve the teaching effectiveness of English smart classrooms. Therefore, college English teachers need to broaden students' knowledge and cultivate their ability to use English for practical operations through the limited time of English courses. In the past, under the concept of teacher-centered English classroom education, students could only passively receive relevant knowledge. However, in modern social environments, emphasizing students' subjectivity has become a new trend in the development of English smart classroom teaching. Students have strong autonomy in daily learning, and it does not weaken the teaching function of teachers. It only requires teachers to change their teaching concepts and achieve teaching objectives in a more diverse way.

For example, English teachers focus on cultivating college students' English learning abilities as their main teaching content, and use this as the core to carry out project-based teaching methods. Students are encouraged to search for relevant materials based on projects, and through self-learning, group cooperation, and other methods, the collected English materials are processed, ultimately achieving the goal of project-based teaching. An English project can be divided into several different sub-projects, with each having their own different characteristics, but all revolving around the basic problems generated by the large project. Each sub-project can be handled by different students. For example, if one of the sub-projects is assigned to a classmate, the teacher will require the student to carefully read the content of the project before class. By reading textbooks, searching for online materials, and other methods, they can gain a basic understanding of the project's key points and also master some basic English knowledge. Although students have relatively little knowledge during the pre-class learning process, it can lay a solid foundation for them to enter the smart classroom for learning. Only when students have an understanding of the basic teaching structure of the English classroom before class can they interact and communicate with teachers in the classroom, and better grasp the teaching priorities in the classroom. In class, the teacher requires students to give special presentations based on their pre-class knowledge understanding, which can be done by explaining relevant knowledge, introducing cultural background, and other methods. Students in different groups have different ways of thinking and different perspectives on the same content. Therefore, organizing students to communicate and discuss in the classroom can enable students to express their own opinions while also listening to others' opinions. This plays an important role in improving students' English logic and is also the main teaching mode of smart classrooms. During the presentation process, other students should listen carefully, record carefully, and ask questions in a timely manner. On this basis, by examining various sub-projects, students can also effectively improve their knowledge acquisition ability, thereby achieving good results in English teaching in smart classrooms [3].

4 Conclusion

In short, intelligent classroom is a new educational method that adapts to the development and progress of science and technology, as well as the learning needs and changes of students. It helps English teachers in universities to provide correct guidance and planning for students. When using this method, teachers and schools need to work together to utilize existing educational resources, innovate educational methods, and improve students' English proficiency, thereby achieving the efficient construction of English intelligent classroom in higher education.

Conflicts of interest

The author declares no conflicts of interest regarding the publication of this paper.

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